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DATE: August 5, 2004

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| TO: | USPTO | FAX NO.: | (703) 872-9306 / CENTRALIZED NO. |
| FROM: | Lawrence E. Ashery | ADMIN. ASST.: | Fran Petrillo |
| APPLN. NO.: | 10/074,792 | ATTY. DOCKET NO.: | MAT-6660US2 |
| TITLE OF APPLN.: A MULTILAYER CERAMIC SUBSTRATE UTILIZING AN INTAGLIO PLATE WITH A PLURALITY OF GROOVES HAVING DIFFERENT DEPTHS | | | |
| FILING DATE: | February 12, 2002 | ART UNIT: | 2827 |
| FIRST INVENTOR: | Masaaki Hayama, et al. | CONF. NO.: | 8079 |
| TITLE OF DOCUMENT (and List of Attachments): Amendment to FOA dated May 12, 2004 | | | |
| CUSTOMER NO. 23122 | | | |

Total Number of Pages: 8 (including this form)

COMMENTS
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PTO/SB/21 (02-04) (AW 02/2004)

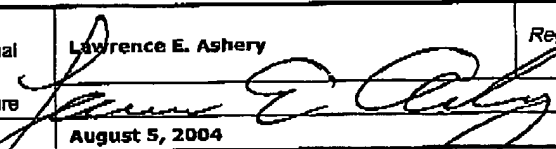
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| | | |
|---|----------------------|------------------------|
| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 10/074,792 |
| | Filing Date | February 12, 2002 |
| | First Named Inventor | Masaaki Hayama, et al. |
| | Art Unit | 2827 |
| | Examiner Name | Alonzo Chambliss |
| | Attorney Docket No. | MAT-6660US2 |
| Total Number of Pages in This Submission | | 7 |

| ENCLOSURES (Check all that apply) | | |
|--|--|---|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/Declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): |
| Remarks: | | |

| SIGNATURE OF APPLICANT, ATTORNEY OR AGENT | | | |
|---|---|-----------------------------------|--------|
| Firm or Individual Name | Lawrence E. Ashery | Registration No. (Attorney/Agent) | 34,515 |
| Signature |  | | |
| Date | August 5, 2004 | | |

| CERTIFICATE OF TRANSMISSION / MAILING | | | |
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| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: | | | |
| Typed or printed name | Fran Petriello | Date | August 5, 2004 |
| Signature |  | | |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Office, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, ALEXANDRIA, VA 22313-1450.

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Application No.: 10/074,792
Amendment Dated: August 5, 2004
Reply to Final Office Action of: May 12, 2004

MAT-6660US2

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No: 10/074,792
Applicant: Masaaki Hayama, et al.
Filed: February 12, 2002
Title: A MULTILAYER CERAMIC SUBSTRATE UTILIZING AN
INTAGLIO PLATE WITH A PLURALITY OF GROOVES HAVING
DIFFERENT DEPTHS
TC/A.U.: 2827
Examiner: Alonzo Chambliss
Confirmation No.: 8079
Docket No.: MAT-6660US2

OFFICIAL**AMENDMENT UNDER 37 C.F.R. § 1.116****Expedited Procedure****Mail Stop AF**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Responsive to the Final Office Action dated **May 12, 2004**, please amend the
above-identified application as follows:

- ☐ **Amendments to the Specification** begin on page _____ of this paper.
- ☒ **Amendments to the Claims** are reflected in the listing of claims which
begins on page **2** of this paper.
- ☐ **Amendments to the Drawings** begin on page _____ of this paper and
include an attached replacement sheet(s).
- ☐ **Amendments to the Abstract** are on page _____ of this paper. A clean
version of the Abstract is on page _____ of this paper.
- ☒ **Remarks/Arguments** begin on page **4** of this paper.